METHOD FOR GENERATING LIBRARIES OF ANTIBODY GENES COMPRISING AMPLIFICATION OF DIVERSE ANTIBODY DNAS AND METHODS FOR USING THESE LIBRARIES FOR THE PRODUCTION OF DIVERSE ANTIGEN COMBINING MOLECULES Wigler, et al.

Appl. No.: Unassigned

Atty Docket: STRATAG.7C2DV2C1

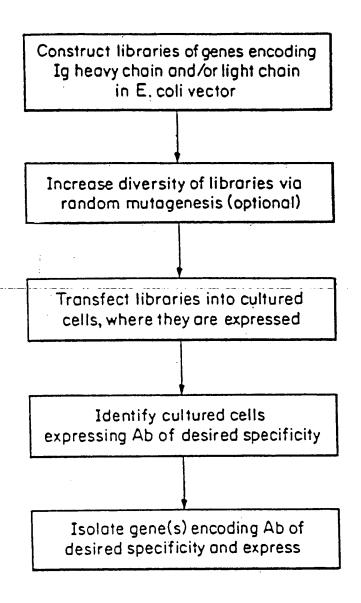
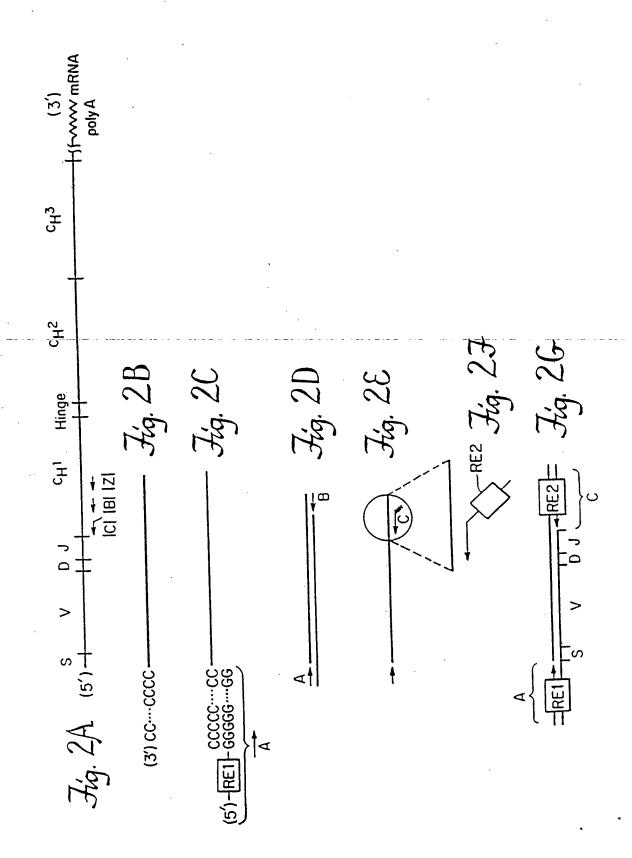


Fig. 1

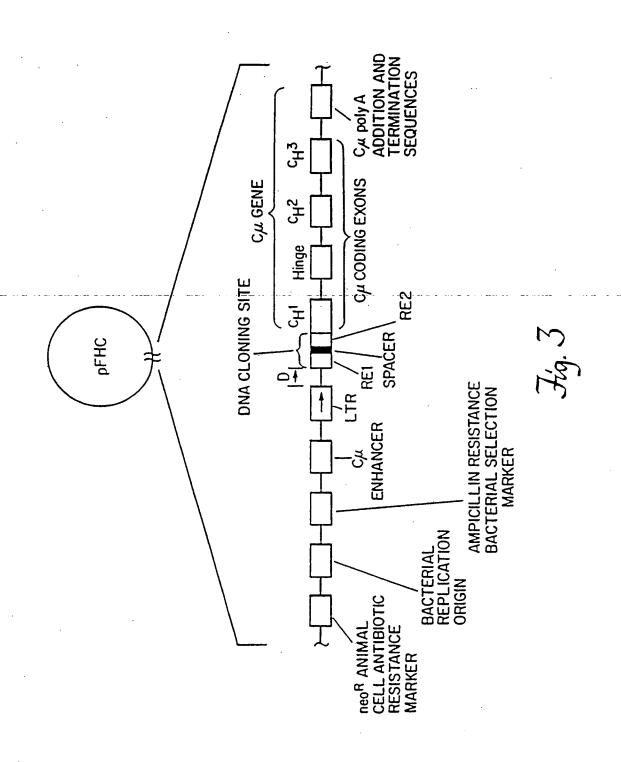
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| | | • | | | | |
|-----------------------|--------------------|--------------------------|-------------------|--------------------------|-------------------|-------------------|
| 127 TTC Phe | 181 66C 61 y | 235 CAG GIn | 289 666 61y | 343 644 61u | 397 GAT Asp | |
| 6TC T | ATG | TAC | ACA | CTT | AGA | |
| AAT G Asn V | GCC Ala | AAC | AGG Arg | ATC I le | AAC | |
| 118 CCA A Pro A | 172 GTG Val | 226 <u>TGG</u> Trp | 280 CTG Leu | 334 <u>AGC</u> Ser | 388 AAA Lys | |
| TTC OF | CTG | ACC | ACA | AAG Lys | 66C 61y | |
| 700 T Ser P | AAT | TTC | CCA Pro | | | |
| 109 CAG T | • | 217 700 Ser | | | 379 TAC Tyr | - |
| AGT C | GAT | | | _ | | ¥ |
| ^ ∢ ∽ | TCT Ser | ACC | | ., | | <i>Fig.</i> 4A |
| | 154 CTG Leu | | 262 ATC I1e | 316 <u>GTG</u> Val | 370 AAA Lys | H. |
| | | 000 Pro | 66T 61y | _ | TGC Cys | |
| | AGC Ser | CTG Leu | CAG GIn | •• | GTA Val | ۸ ७ |
| | 145 6A6 61u | 199 TTC Phe | | 307 ACC Thr | | 415 CCA Pro |
| | 76C Cys | GAC | GTC Val | <u>600</u> | • • | ATT |
| | TCC | CGG Arg | GAA | CTA | | 000 Pro |
| | | | | | 352 GAT Asp | |
| | CTC | CTA | | - | | CAT His |
| | CCC | TGC Cys | AAC | 66C 61 y | GGT 61y | CTG |

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| 181 | GCN GLY | 235 | CAN | 289 | GGN | 343 | GAN | 397 | GAN | | |
|-----|-----------------|--|---|---|---|-----|---|---|---|--|---|
| • | ATN | | TAN | | ACN | | CTN | | AGN | | |
| | GCN | | AAN | | AGN | | ATN | | AAN | | |
| 172 | GTIN | 226 | TGN | 280 | CTN | 334 | AGN | 388 | AAN | | |
| | CTN | | ACN | | ACN | | AAN | | | | . ; |
| | AAN | ٠ | TTN | | CCN | | CCN | | | | |
| 163 | AAN | 217 | TCN | 271 | TIN | 325 | TCN | 379 | | | |
| - | GAN | | ATN | | ACN | | | | - | - | \sim |
| | TCN | | ACN | | AGN | | | | | | 4B |
| 154 | CTN | 208 | AGN | 262 | | 316 | | 370 | | | 4 |
| | CCN Pro | | CCN | | | | | | | | , |
| ٠ | AGN | | CTN | | CAN | | TCN | | | | 0 ۸ |
| 145 | GAN | 199 | NLL | 253 | ATN | 307 | ACN | 361 | CTN | | CCN Pro |
| | TGN | | GAN | | GTN | | GCN | | TAN | • | ATN |
| | TCN | | CGN | | GAN | | CTN | | GAN | | CCN |
| 136 | GTN | 190 | GCN | 244 | ACN | 298 | TAN | 352 | GAN | 406 | GTN |
| | CTN | | | | AAN | | AAN | | TCN Ser | | CAN |
| | CCN | | TGN | | AAN | | GGN GI y | | <u>66N</u> 61 y | | CTN |
| | 145 154 163 172 | THE SET TO THE SET TO THE SET TO THE SET TO THE SET TH | 136 145 154 163 172 172 150 170 | 136 145 154 163 172 172 154 163 172 172 154 154 164 172 170 154 150 199 208 217 226 270 | 136 145 154 163 172 172 180 | 136 | TSH 145 154 163 172 CTN TCN TGN GAN CTN TCN GAN AAN AAN CTN GTN GCN ATN Leu Val Ser 199 208 217 226 226 271 ATN ATN | 136 145 154 154 163 172 170 181 170 181 170 190 | 136 145 154 154 154 163 154 163 172 170 | CTN GTN TGN GGN AGN CTN TGN AGN CTN TGN AGN AGN <td> 136 145 154 154 154 154 163 172 170</td> | 136 145 154 154 154 154 163 172 170 |